

THAT WHICH IS CLAIMED:

1. A fiber optic cable, said fiber optic cable comprising:
a cable core having at least one optical fiber;
a ripcord, the ripcord being an electrically conductive
5 material operative, upon application of a sufficient pulling
force, to rip at least one cable component for facilitating
access to said at least one optical fiber.
2. The fiber optic cable of claim 1, said ripcord having a
10 surface roughness thereon.
3. The fiber optic cable of claim 1, said ripcord having an
excess length.
4. The fiber optic cable of claim 1, said ripcord being
generally stranded around a longitudinal axis of said fiber optic
cable.
5. The fiber optic cable of claim 1, said ripcord including a
20 coating thereon.
6. The fiber optic cable of claim 1, said ripcord having a
diameter of at least about 0.012 inches.
7. The fiber optic cable of claim 1, said ripcord being
25 disposed generally adjacent to at least one strength element.
8. The fiber optic cable of claim 1, said ripcord being
selected from one of the group of copper, steel, aluminum, and
30 copper-cladded steel.
9. The fiber optic cable of claim 1, said ripcord having a
portion thereof embedded within a buffer tube.

10. The fiber optic cable of claim 1, said ripcord being removably attached to at least one cable component.

5 11. The fiber optic cable of claim 1, said ripcord having a tensile strength being in the range of about 20 ksi to about 230 ksi.

10036037-400001

12. A fiber optic cable, said fiber optic cable comprising:
a cable core having at least one optical fiber;
a ripcord, the ripcord having a portion being an
electrically semi-conductive material operative, upon application
5 of a sufficient pulling force, to rip at least one cable
component for facilitating access to said at least one optical
fiber.
13. The fiber optic cable of claim 12, said ripcord having an
10 excess length.
14. The fiber optic cable of claim 12, said ripcord being
generally stranded around a longitudinal axis of said fiber optic
cable.
15. The fiber optic cable of claim 12, said ripcord including a
coating thereon.
16. The fiber optic cable of claim 12, said ripcord having a
20 diameter of at least about 0.012 inches.
17. The fiber optic cable of claim 12, said ripcord being
disposed generally adjacent to at least one strength element.
- 25 18. The fiber optic cable of claim 12, said ripcord being a
carbon fiber.
19. The fiber optic cable of claim 12, said ripcord having a
portion thereof embedded within a buffer tube.
- 30 20. The fiber optic cable of claim 12, said ripcord being
removably attached to at least one cable component.

21. The fiber optic cable of claim 12, said ripcord further comprising a composite material.

22. The fiber optic cable of claim 21, said ripcord having a
5 resistivity being in the range of about 150 micro-ohms per
centimeter to about 3000 micro-ohms per centimeter.

[illegible]

23. A fiber optic cable, said fiber optic cable comprising:
a cable core having at least one optical fiber;
a ripcord, the ripcord having an excess length with respect
to an associated portion of the fiber optic cable and being
operative, upon application of a sufficient pulling force, to rip
at least one cable component for facilitating access to said at
least one optical fiber.
24. The fiber optic cable of claim 23, said ripcord being a
conductive material.
25. The fiber optic cable of claim 23, said ripcord being
selected from one of the group of copper, steel, aluminum, and
copper-cladded steel.
26. The fiber optic cable of claim 23, said ripcord being a
dielectric material.
27. The fiber optic cable of claim 23, said ripcord being a
portion of a semi-conductive material.
28. The fiber optic cable of claim 23, said ripcord including a
coating thereon.
29. The fiber optic cable of claim 23, said ripcord having a
portion thereof embedded within a cable component.
30. The fiber optic cable of claim 23, said ripcord having a
portion thereof attached to a cable component.
31. The fiber optic cable of claim 23, said excess length being
proximate to a switchback portion of the fiber optic cable.